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What is claimed is:

1. A roller drive unit for conveying an object comprising  
a drive motor;  
a planetary gear with an input connected to the  
drive motor and with a first gear output and a second gear  
output;  
a drive roller, which is connected to the first gear  
output, to propel the object;  
10 a lifting apparatus connected to the second gear  
output, to lift the drive roller out of a retracted resting  
position, in which the drive roller does not contact the  
object, into a raised operating position in which the drive  
roller can engage the object;  
15 a first controllable brake to slow down the drive  
roller; and  
a second controllable brake to keep the lifting  
apparatus in place.
- 20 2. A roller drive unit as claimed in Claim 1,  
wherein the first and the second brakes are both electrically  
controllable.  
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- 25 3. A roller drive unit as claimed in Claim 1, wherein the  
first brake is connected to the drive roller by way of a  
first braking gear in such a way as to reduce the torque  
acting on the first brake.
- 30 4. A roller drive unit as claimed in Claim 3, wherein  
at least one of the first brake and the first braking gear  
is installed within the drive roller.
- 35 5. A roller drive unit as claimed in Claim 1, wherein the  
second brake device is connected to the lifting apparatus by  
way of a second braking gear.

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6. A roller drive unit as claimed in Claim 1, wherein the lifting apparatus comprises at least one rotatable lifting cam, which raises the drive roller directly.
- 5 7. A roller drive unit as claimed in Claim 1, wherein the lifting apparatus comprises at least one rotatable lifting cam, which raises the drive roller by way of a pivoted frame in which the drive roller is rotatably mounted.
- 10 8. A roller drive unit as claimed in Claim 1, wherein the lifting apparatus comprises a means to lower the drive roller from the operating position into the resting position.
- 15 9. A roller drive unit as claimed in Claim 1, wherein at least one of the first and the second brakes is constructed as a switchable brake with a blocking position and a release position.

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